EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	412440	(gas$4 or fluid$4 or liquid$4) with (fine adj particle$4 or matter$4 or substance $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:13
L2	7708	((219/121.63) or (219/121.64) or (219/121.67) or (219/121.68) or (219/121.69) or (219/121.70) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/10 11:14
L3	190	L2 and 1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:14
L4	1020432	nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:14
L5	93	3 and L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:14
L6	252308	(gas$4 or fluid$4) with (fine adj particle $4 or matter$4 or substance$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:20
L7	1161642	laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:21

L8	23623	6 and L7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:21
L9	150	8 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:21
L10	514555	(gas or gases or fluid or fluids) with (makeup or mixture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:25
L11	346	2 and 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:25
L12	184	4 and 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:26
L13	270905	(gas or fluid) with (particle or particles)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:34
L14	31096	7 and 13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:34
L15	8630	4 and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:34

L16	126	2 and 15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:34
L17	28366	(gas or fluid) with (impur$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:38
L18	10	2 and 17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:38
S1	6	"532241".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 10:59
S2	1	US-20060108341-$.did.	DERWENT	OR	ON	2009/04/07 11:01
S3	1956	(219/121.6).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/08 16:05
S4	7707	((219/121.63) or (219/121.64) or (219/121.67) or (219/121.68) or (219/121.69) or (219/121.70) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/08 16:05
S5	1100	(219/121.84).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/08 16:06
S6	306	B23K26/14.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:18

S7	3	"526021".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:28
S8	3	("6914213").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/08 16:33
S9	1160960	laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:45
S10	1020149	nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:45
S11	58966	S9 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:48
S12	135	S11 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:48
S13	135	(US-20090084765-$ or US-20080308538-$ or US-20080271733-$ or US-20080257872-$ or US-20080237207-$ or US-20080230523-$ or US-20080179300-$ or US-20080169275-$ or US-20080135532-$ or US-20080099452-$ or US-20080096367-$ or US-20080079223-$ or US-20080067159-$ or US-20070278195-$ or US-20070235429-$ or US-20070228025-$ or US-20070210040-$	US-PGPUB; USPAT; FPRS; JPO;	OR	ON	2009/04/08 16:53

or US-20070193990-$
or US-20070193988-$
or US-20070193981-$
or US-20070187374-$
or US-20070151958-$
or US-20070151957-$
or US-20070145026-$
or US-20070108167-$
or US-20070095804-
$).did. or (US-
20070084839-$ or US-
20070056941-$ or US-
20070051709-$ or US-
20070045258-$ or US-
20070039930-$ or US-
20070023405-$ or US-
20070012669-$ or US-
20070012668-$ or US-
20070000888-$ or US-
20060278620-$ or US-
20060266740-$ or US-
20060249488-$ or US-
20060175309-$ or US-
20060144834-$ or US-
20060108341-$ or US-
20060102600-$ or US-
20060096965-$ or US-
20060086705-$ or US-
20060081576-$ or US-
20060081575-$ or US-
20060081562-$ or US-
20060065650-$ or US-
20060054605-$ or US-
20060049156-$ or US-
20060037946-$ or US-
20060032841-$).did.
or (US-7358457-$ or
US-7321104-$ or US-
7319204-$ or US-
7307237-$ or US-
7294807-$ or US-
7259353-$ or US-
7247812-$ or US-
7241965-$ or US-
7223935-$ or US-
7220938-$ or US-
7214904-$ or US-
7186946-$ or US-
7170029-$ or US-
7164098-$ or US-
7154530-$ or US-
7129441-$ or US-
7112761-$ or US-
7067759-$ or US-
7038164-$ or US-
7038162-$ or US-

7038161-$ or US-
7022941-$).did. or
(JP-62021493-$).did.
or (JP-2008254018-$
or JP-2008194846-$
or JP-2008194845-$
or JP-2008194705-$
or JP-2008188618-$
or JP-2008178895-$
or JP-2008168536-$
or JP-2008168318-$
or JP-2008114275-$
or JP-2008105073-$
or JP-2008105072-$
or JP-2008087028-$
or JP-2008049367-$
or JP-2008049362-$
or JP-2008043984-$
or JP-2008043954-$
or JP-2008036663-$
or JP-2008027956-$
or JP-2008006471-$
or JP-2007296580-$
or JP-2007283363-$
or JP-2007275982-$
or JP-2007268610-$
or JP-2007268570-$
or JP-2007260708-$
or JP-2007253216-$).
did. or (JP-
2007253158-$ or JP-
2007216281-$ or JP-
2007185694-$ or JP-
2007147837-$ or JP-
2007144491-$ or JP-
2007111773-$ or JP-
2007111729-$ or JP-
2007109943-$ or JP-
2007069219-$ or JP-
2007061914-$ or JP-
2007061861-$ or JP-
2007030008-$ or JP-
2007029980-$ or JP-
2007021574-$ or JP-
2007021531-$ or JP-
2007021505-$ or JP-
2007021503-$ or JP-
2006347168-$ or JP-
2006341259-$ or JP-
2006326615-$ or JP-
2006312197-$ or JP-
2006289401-$ or JP-
2006255769-$ or JP-
2006255728-$ or JP-
2006247660-$ or JP-
2006218544-$ or JP-

		2006175491-$).did. or (JP-2006167727-$ or JP-2006167725-$ or JP-2006123005-$ or JP-2006068773-$ or JP-2006035283-$ or JP-2006026671-$ or JP-2006007280-$). did.				
S14	135	S13 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:54
S15	135	S13 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:54
S16	13158	S9 with S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:55
S17	120	S16 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:55
S18	244	S16 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 17:35
S19	1015	S16 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 17:35
S20	510	S16 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 17:35

S21	816	S19 and (fluid or gas or gases or fluids)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 17:38
S22	83	S21 and (circ$4 with diameter$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 17:40
S23	7708	((219/121.63) or (219/121.64) or (219/121.67) or (219/121.68) or (219/121.69) or (219/121.70) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 11:29
S24	1161642	laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S25	1020432	nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S26	13164	S24 with S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S27	1016	S26 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S28	817	S27 and (fluid or gas or gases or fluids)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29

S29	83	S28 and (circ$4 with diameter$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S30	83	S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S31	5864173	(coaxial$4 or axial$4 or concentric$4 or adjacent or homocentric$4 or coincident)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:54
S32	1123	S24 with S31 with S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:56
S33	2676	S24 same S31 same S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:01
S34	53407	S24 with S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:02
S35	1123	S34 with S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:02
S36	284	S35 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:02

S37	196	S36 and diameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:03
S38	88029	nozzle with diameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:04
S39	111	S36 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:04
S43	2	("4564736").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 14:06
S44	2	("5477026").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 14:08
S45	2	("4724299").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 14:09
S46	2	("5424508").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 14:11
S47	7	"770563".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:11

S50	7	"550024".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:18
S51	3	"265647".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:19
S52	6	"939280".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:19
S53	5	"486549".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:20
S54	6	"262068".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:21
S55	6	"741114".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:21
S56	2	("6169758").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 15:13

| S57 | 100 | (US-20060108341-$ or US-20070278195-$ or US-20080308538-$ or US-20070235429-$ or US-20070210040-$ or US-20070193988-$ or US-20070193981-$ or US-20070151958-$ or US-20070151957-$ or US-20070045258-$ or US-20070039930-$ or US-20070023405-$ or US-20070012668-$ or US-20060278620-$ or US-20060266740-$ or US-20060249488-$ or US-20060175309-$ or US-20060144834-$ or US-20060086705-$ or US-20060049156-$ or US-20060081568-$ or US-20060054604-$ or US-20050133486-$ or US-20050024743-$ or US-20040245226-$ or US-20040232123-$).did. or (US-20040169021-$ or US-20040094526-$ or US-20030213786-$ or US-20030155328-$ or US-20030132210-$ or US-20030029845-$ or US-20010019044-$ or US-20010019043-$).did. or (US-6914213-$ or US-7321104-$ or US-7319204-$ or US-7307237-$ or US-7294807-$ or US-7259353-$ or US-7247812-$ or US-7241965-$ or US-7223935-$ or US-7220938-$ or US-7214904-$ or US-7164098-$ or US-7038161-$ or US-7022941-$ or US-7348517-$ or US-7273997-$ or US-7140216-$ or US-7030337-$ or US-6927359-$ or US-6852946-$ or US-6847005-$ or US- | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/04/09 17:56 |

		6774338-$ or US-6770841-$ or US-6770840-$ or US-6667459-$ or US-6593540-$).did. or (US-6521865-$ or US-6521864-$ or US-6369355-$ or US-6365871-$ or US-6316743-$ or US-6281472-$ or US-6268584-$ or US-6204473-$ or US-6124565-$ or US-5993554-$ or US-5847358-$ or US-5818009-$ or US-5786561-$ or US-5770833-$ or US-5651904-$ or US-5565120-$ or US-5562840-$ or US-5424508-$ or US-5418350-$ or US-5229572-$ or US-5220149-$ or US-5128508-$ or US-4959119-$ or US-4913405-$ or US-4871897-$ or US-4774392-$ or US-4724297-$).did. or (US-4427873-$ or US-4403134-$ or US-3749878-$ or US-3597578-$ or US-6504127-$ or US-4564736-$ or US-5477026-$ or US-4724299-$ or US-5560577-$ or US-6609258-$ or US-6169758-$).did. or (FR-2846581-$ or EP-952437-$).did.					
S58	71	S38 and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR		ON	2009/04/09 17:56

S60	3	"265647".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 17:59
S61	6	"457671".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:00
S62	482450	(laser or beam or light) with wavelength $4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:02
S63	2133	S62 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:04
S64	261	S32 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:05
S65	175161	(polychromatic or monochromatic or chromatic or nondivergent$4 or convergent$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:06
S66	48211	S65 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:08
S67	20	S66 and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:09

S68	2	("7038163").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 18:12
S69	327	S65 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:28
S70	205	S66 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:29
S71	44	S70 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:29

4/ 10/ 2009 1:11:35 PM
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